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Reply Under 37 CFR 1.116
Expedited Procedure
Technology Center 1723

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PATENT

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

| | | | | | |
|---------------------|---|--------------------------------|---------------------|---|------|
| Application Number. | : | 10/643,862 | Confirmation Number | : | 5515 |
| Applicants | : | Michael J. Pugia et al. | | | |
| Filed | : | August 19, 2003 | | | |
| Title | | Mixing In Microfluidic Devices | | | |
| Art Unit | : | 1723 | | | |
| Examiner | : | Tony Glen Soohoo | | | |
| Docket Number | : | 017191.0036 | | | |
| Customer Number | : | 47670 | | | |

AMENDMENT AND RESPONSE TO FINAL OFFICE ACTION
DATED August 3, 2006

Mail Stop AF
Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

Sir:

| | |
|--|-----------|
| CERTIFICATE OF MAILING 37 C.F.R. 1.8 | |
| I hereby certify that this correspondence is being deposited with the U.S. Postal Service as first class mail, in an envelope addressed to: Mail Stop AMENDMENT, Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450 on the date indicated below: | |
| Date | Signature |

In response to the Final Office Action mailed August 3, 2006, please amend the above-identified application as follows:

Amendments to the Claims are reflected in the Listing of Claims which begins on page 2 of this paper.

Remarks/Arguments begin on page 9 of this paper.

CH01/WELLHA/207887.2

PAGE 3/18 * RCVD AT 10/2/2006 5:11:22 PM [Eastern Daylight Time] * SVR:USPTO-EXRF-1/18 * DNIS:2738300 * CSID:312 541 0538 * DURATION (mm:ss):04:42